

Project 0-6661 TxDOT Strategic Research Program

Mock-Up
Strategic Research Idea

Submitter Name:
Submitter E-mail:
Daytime Phone Number:
Submitter Affiliation:

SRP Theme Area: 3B Infrastructure/Maintenance:

Idea Title: Assimilating Existing Infrastructure into the Collective – Merging Old and New.

“Currently, most reconstruction projects that result in added capacity involve removing the existing infrastructure and then replacing with new infrastructure. There is a need to encourage the incorporation of existing infrastructure in such projects. For example, pavements that are still structurally adequate can be used as base material in the reconstruction, or simply overlaid with concrete or asphalt materials. The potential cost savings can be significant (possibly up to 50% savings over the current strategy of removing and replacing).”